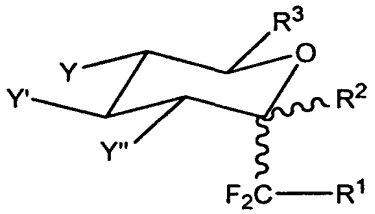
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (original). A gem-difluorinated compound of formula:



wherein

R^1 is a group comprising an alkyl chain substituted with at least one amine, amide, or acid function,

R^2 is a hydrogen atom H or a free or protected alcohol function,

R^3 is notably an H, CH_3, CH_2OH, CH_2-OGP group wherein GP is a protective group such as an alkyl, benzyl (Bn), trimethylsilyl (TMS), tert-butyl-dimethylsilyl (TBDMS), tert-butyldiphenylsilyl (TBDPS), acetate (Ac)…,

Y, Y', Y" are independent groups

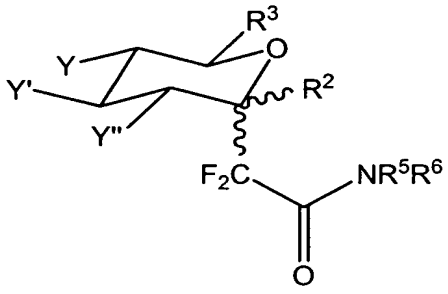
wherein Y, Y', Y" = H, OR, N_3, NR'R", SR'" …

with R = H, Bn, Ac, TMS, TBDMS, TBDPS, …,

R', R" = H, alkyl, allyl, Bn, tosylate (Ts), C(=O)-alkyl, C(=O)-Bn, …,

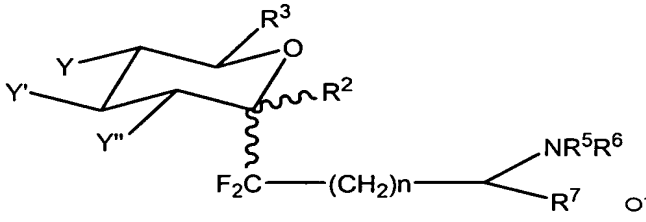
R'" = H, alkyl, Ac.

2 (currently amended). The compound according to claim 1, ~~characterized in that it comprises~~comprising a C-glycoside of general formula:



wherein R^5 and R^6 = H or a group either functionalized or not such as a functionalized carbon chain bearing i.a. an amine, amino acid, aminoester function, a peptide chain, a protein, a carbohydrate, a steroid, or a triterpene, an alkaloid, a lignane, or compounds of pharmacological interest.

3 (currently amended). The compound according to claim 1, ~~characterized in that it comprises~~comprising a glycoconjugated compound of general formula:



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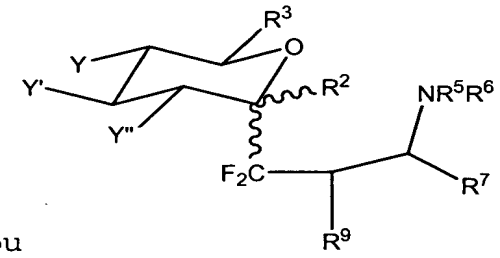
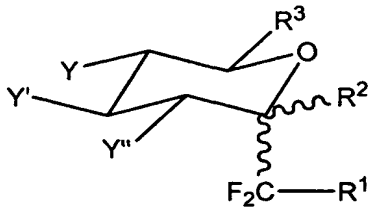


wherein R^5, R^6, R^7 and R^9 = H or a group either functionalized or not, such as a functionalized carbon chain bearing i.a. an amine, amino acid, aminoester function, a peptide chain, a protein, a carbohydrate, a steroid, or a triterpene, an alkaloid, a lignane, or compounds of pharmacological interest.

4 (currently amended). A method for preparing a gem-difluorinated compound of formula:



wherein

R^1 is a group comprising an alkyl chain substituted with at least one amine, or amide function,

R^2 is a hydrogen atom H or a free or protected alcohol function,

R^3 is notably an H, CH_3, CH_2OH, CH_2-OGP group wherein GP is a protective group such as an alkyl, benzyl (Bn), trimethylsilyl (TMS), tert-butyl-dimethylsilyl (TBDMS), tert-butyldiphenylsilyl (TBDPS), acetate (Ac)…,

Y, Y', Y" are independent groups

wherein Y, Y', Y" = H, OR, N_3, NR'R", SR'" …

with R = H, Bn, Ac, TMS, TBDMS, TBDPS, …,

R', R" = H, alkyl, allyl, Bn, tosylate (Ts), C(=O)-alkyl, C(=O)-Bn, …,

R'" = H, alkyl, Ac,

~~characterized in that it comprises~~ <u>said method comprising</u> a reaction between a lactone and a halogenated derivative of general formula $XCF_2CO_2R^8$, wherein X is a halogen, in the presence of zinc, or of a lanthanide derivative and R^8 = alkyl, aryl…

5 (currently amended). The method according to claim 4, ~~characterized in that~~ wherein said lanthanide derivative is samarium diiodide.

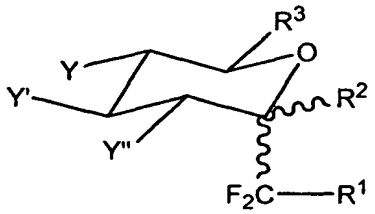
6 (currently amended). The method according to claim 4, ~~characterized in that~~ wherein said sugar derivative is obtained in one or more steps from a corresponding commercially available sugar.

7 (currently amended). The method according to claim 4, ~~characterized in that~~ wherein said reaction is followed by a deoxygenation.

8 (currently amended). The method according to claim 4, ~~characterized in that~~ wherein the R^8 group comprises an ester function which is reduced to alcohol.

9 (currently amended). The method according to claim 4, ~~characterized in that~~ wherein the R^8 group comprises an ester function which is either reduced to alcohol then oxidized into an aldehyde or hemiacetal, or directly reduced into aldehyde.

10 (currently amended). A method for preparing a gem-difluorinated compound of formula:



wherein

R^1 = -C(=O)-NR^5R^6, wherein R^5 and R^6 = H or a group either functionalized or not, such as a functionalized carbon chain bearing i.a. an amine, amino acid, aminoester function, a peptide chain, a protein, a carbohydrate, a steroid, or a triterpene, an alkaloid, a lignane, or compounds of pharmacological interest,

R^2 is a hydrogen atom H or a free or protected alcohol function,

R^3 is an H, CH_3, CH_2OH, CH_2-OGP group wherein GP is a protective group such as an alkyl, benzyl (Bn), trimethylsilyl (TMS), tert-butyl-dimethylsilyl (TBDMS), tert-butyldiphenylsilyl (TBDPS), acetate (Ac)…,

Y, Y', Y" are independent groups

wherein Y, Y', Y" = H, OR, N_3, NR'R", SR'" …

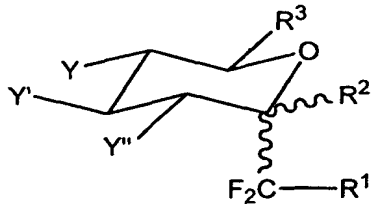
with R = H, Bn, Ac, TMS, TBDMS, TBDPS, …,

R', R" = H, alkyl, allyl, Bn, tosylate (Ts), C(=O)-alkyl, C(=O)-Bn, …,

R'" = H, alkyl, Ac,

~~characterized in that it comprises~~ said method comprising a Ugi reaction with an amine, an aldehyde and an isonitrile.

11 (currently amended). A method for preparing a gem-difluorinated compound of formula:



wherein

R^1 = -C(=O)-NR^5R^6, wherein R^5 and R^6 = H or a group either functionalized or not, such as a functionalized carbon chain bearing i.a. an amine, amino acid, aminoester function, a peptide chain, a protein, a carbohydrate, a steroid, or a triterpene, an alkaloid, a lignane, or compounds of pharmacological interest,

R^2 is a hydrogen atom H or a free or protected alcohol function,

R^3 is an H, CH_3, CH_2OH, CH_2-OGP group wherein GP is a protective group such as an alkyl, benzyl (Bn), trimethylsilyl (TMS), tert-butyl-dimethylsilyl (TBDMS), tert-butyldiphenylsilyl (TBDPS), acetate (Ac)…,

Y, Y', Y" are independent groups

wherein Y, Y', Y" = H, OR, N_3, NR'R", SR'" …

with R = H, Bn, Ac, TMS, TBDMS, TBDPS, …,

R', R" = H, alkyl, allyl, Bn, tosylate (Ts), C(=O)-alkyl, C(=O)-Bn, …,

R'" = H, alkyl, Ac,

~~characterized in that it comprises~~ said method comprising a coupling reaction of a sugar derivative with an amine.

12 (currently amended). A composition, ~~characterized in that it comprises~~ comprising at least one compound according to ~~claims 1 to 3~~ claim 1 or one of its derivatives or one of its salts obtained by addition to a pharmaceutically acceptable organic or mineral acid.

13 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing antitumoral drugs.

14 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing antiviral drugs.

15 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing hypoglycemic drugs.

16 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing compounds for immunology.

17 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing anti-inflammatory compounds.

18 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing compounds for cosmetology.

19 (currently amended). The use of a gem-difluorinated compound according to ~~any of claims 1 to 3~~ claim 1, for preparing glycopeptide analogs of antifreeze molecules.